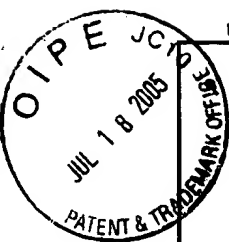


07-20-05

1764



PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031

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TRANSMITTAL FORM

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Application Number	09/833,755-Conf. #2901
Filing Date	April 11, 2001
First Named Inventor	Edward J. Mack
Art Unit	1764
Examiner Name	E. M. McAvoy
Attorney Docket Number	55531 (45676)

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form PTO/SB-08 (with references); Certificate of Express Mailing; and return receipt postcard.
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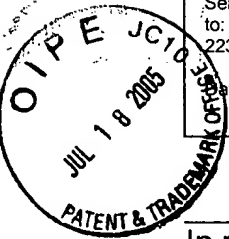
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Dated: July 18, 2005

Signature:

(Nicole McKinnon)

Docket No.: 55531 (45676)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Mack *et al.*

Application No.: 09/833,755

Confirmation No.: 2901

Filed: April 11, 2001

Art Unit: 1764

For: TRIBOLOGICAL MATERIALS AND
STRUCTURES AND METHODS FOR
MAKING THE SAME

Examiner: E. M. McAvoy

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action after the filing of a Request for Continued Examination under 37 CFR 1.114 (37 CFR 1.97(b)(4)).

A copy of each reference on the PTO/SB/08 is attached.

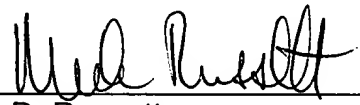
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 55531 (45676). A duplicate copy of this paper is enclosed.

Dated: July 18, 2005
Customer No.: 21874
499929

Respectfully submitted,

By 
Mark D. Russett
Registration No.: 41,281
EDWARDS & ANGELL, LLP
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Boston, Massachusetts 02205
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PTO/SB/08a/b (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

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First Named Inventor	Edward James P. Mack
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Examiner Name	E. M. McAvoy
Attorney Docket Number	55531(45676)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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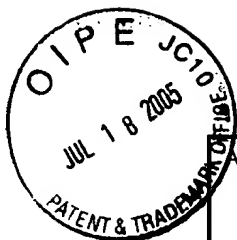
NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Lewis, "Predicting Bearing Performance of Filled Teflon TFE Resins," Document No. ASME 66-WARP-1, pp. 1-5, Journal of Engineering for Industry, Transactions of the ASME.	
	CB	Wolverton, "Advanced Thermoplastic Composites for High Temperature Gear and Bearing Applications," pp. 1-21.	
	CC	Lewis, "Predicting the Wear of Sliding Plastic Surfaces," Mechanical Engineering, 68:32-35 (1964).	
	CD	Yoo, et al., "Tribological Behavior of Blends of Polyether Ether Ketone and Polyether Imide," Wear, 162-164, pp. 418-425 (1993).	
	CE	Dufour, et al., "The Effect of Glassfibre, Graphite and MoS ₂ on the Tribological Performance of a Liquid Crystalline Polymer," Wear, 156:85-100 (1992).	
	CF	Briscoe, et al., "The Failure of Poly (ether ether ketone) in High Speed Contacts," Wear, 162-164, pp.407-417 (1993).	
	CG	Hanchi, et al., "The Tribological Behavior of Blends of Polyetheretherketone (PEEK) and Polyetherimide (PEI) at Elevated Temperatures," Tribology Transactions, 37:494-504 (1994).	
	CH	Hanmin, et al., "Friction and Wear of Poly(Phenylene Sulphide) and Its Carbon Fibre Composites: I Unlubricated," Wear, 116:59-68 (1987).	
	CI	Bijwe, et al., "Friction and Wear Studies of Polyetherimide Composites," Wear, 138:61-76 (1990).	

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Examiner Signature		Date Considered	
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Application No. (if known): 09/833,755

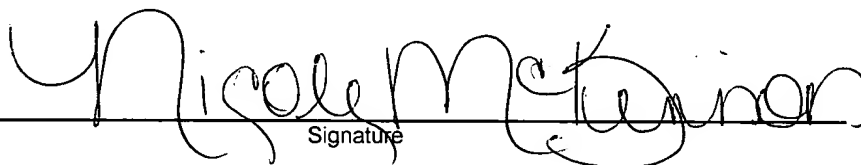
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